

ASAMM-Chukchi – Flight 249 – 12 October 2015

Area flown: Transects 10 and 12, partial; coastal transect from southwest of Wainwright to Point Franklin.

Total hours flown: 3.4

Total transect hours: 1.7

Number of bowhead whales seen: 9 (0 calves)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 2 to 5. Visibility ranged from 0 to 10 km, with visual impediments of glare, low ceiling, haze, precipitation, and ice on window. Sea ice in the area surveyed ranged from 0 to 10 percent new and broken floe. Low ceilings prevented completion of transects.

Sightings: Bowhead whales, gray whales, belugas (including 1 calf), unidentified cetaceans, walruses, one bearded seal, and small unidentified pinnipeds.

Preliminary Summary, Flight 249 Date: 10/12/2015

Total bowhead whales: 9	Start time: 10/12/2015 1:09:50 PM	End time: 10/12/2015 4:30:50 PM
Bowhead whale sightings: 7	Transect minutes: 102	Transect km:380.7
Bowhead whales on transect: 1	Circling minutes: 35	Circling km: 90.4
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 137	Trans+Circ km: 471.1
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 6	Search km: 22.6
Bowhead whale repeats: 0	Total minutes: 201	Total km: 782.4
Possible repeats: 0	Deadhead minutes: 58	Deadhead km: 288.7
Total gray whales: 18	Search blocks: 15, 17, 13	
Total belugas: 3	Transect blocks: 17, 14, 15, 18, 13	
Other whale sightings: 4		
Walruses: Yes		
Total polar bears: 0		

Cetacean Sightings:

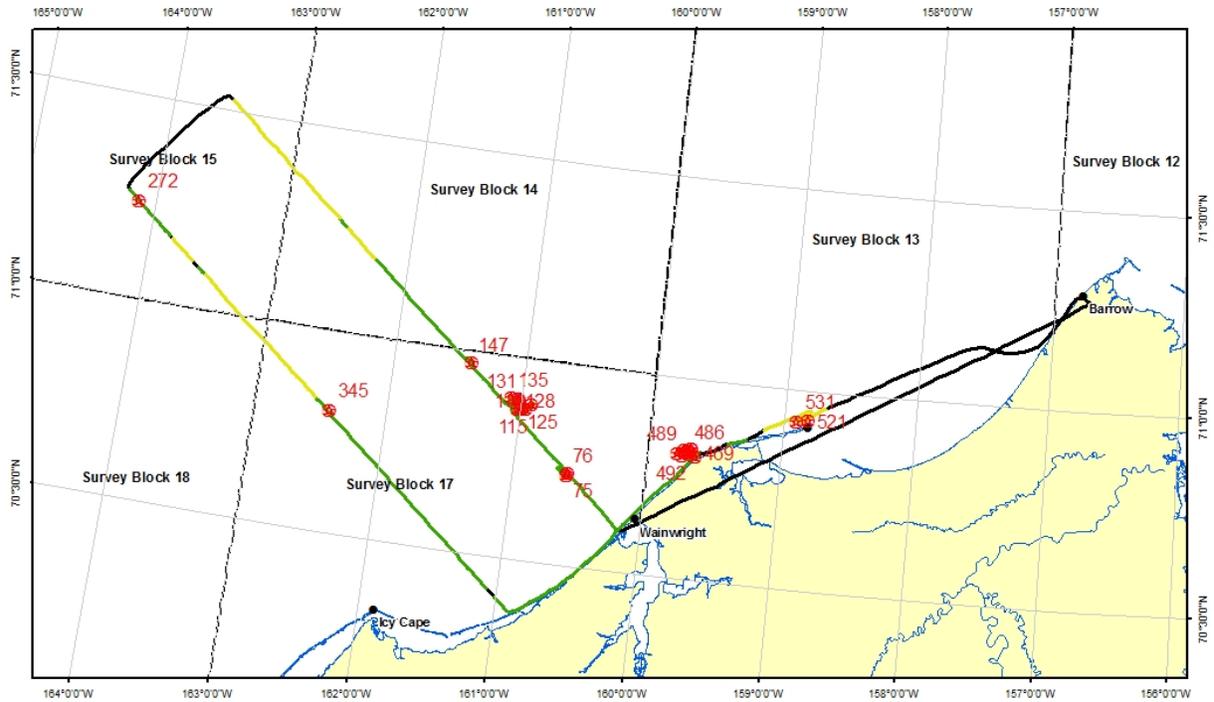
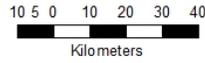
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
75	70.73	-160.58	17	gray whale	1	0	unknown	-1	True
76	70.73	-160.58	17	gray whale	1	0	feed	-1	True
102	70.86	-161.05	17	unid cetacean	3	0	swim	-1	True
107	70.87	-161	17	gray whale	1	0	swim	-1	False
115	70.88	-160.96	17	gray whale	3	0	feed	-1	False
119	70.89	-160.92	17	gray whale	2	0	feed	-1	False
125	70.88	-160.99	17	gray whale	1	0	swim	-1	False
128	70.89	-161.01	17	gray whale	1	0	swim	-1	False
131	70.9	-161.02	17	gray whale	1	0	feed	-1	False
135	70.9	-161.07	17	gray whale	1	0	feed	-1	False
147	70.97	-161.42	17	gray whale	1	0	dive	-1	True
272	71.24	-164.13	15	beluga	3	1	swim	192	True
345	70.8	-162.43	17	bowhead whale	1	0	dive	-1	True
469	70.81	-159.64	13	unid cetacean	1	0	dive	-1	True
477	70.82	-159.69	13	gray whale	1	0	swim	-1	False
478	70.83	-159.68	13	gray whale	1	0	swim	-1	False
479	70.83	-159.67	13	gray whale	1	0	swim	-1	False
482	70.82	-159.68	13	bowhead whale	1	0	swim	-1	False
484	70.82	-159.72	13	bowhead whale	1	0	swim	-1	False
486	70.82	-159.71	13	bowhead whale	1	0	swim	-1	False
489	70.81	-159.77	13	bowhead whale	1	0	swim	-1	False
492	70.81	-159.74	13	gray whale	2	0	swim	-1	False
521	70.95	-158.84	13	bowhead whale	3	0	dive	-1	False
531	70.92	-158.9	13	bowhead whale	1	0	dive	-1	False

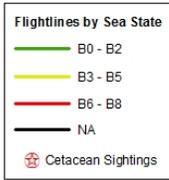
NOAA/AFSC/NMML-BOEM
 Aerial Surveys of Arctic Marine Mammals Program
 Flight 249, 10/12/2015 12:56:50 PM

Flightlines by Sea State

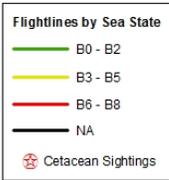
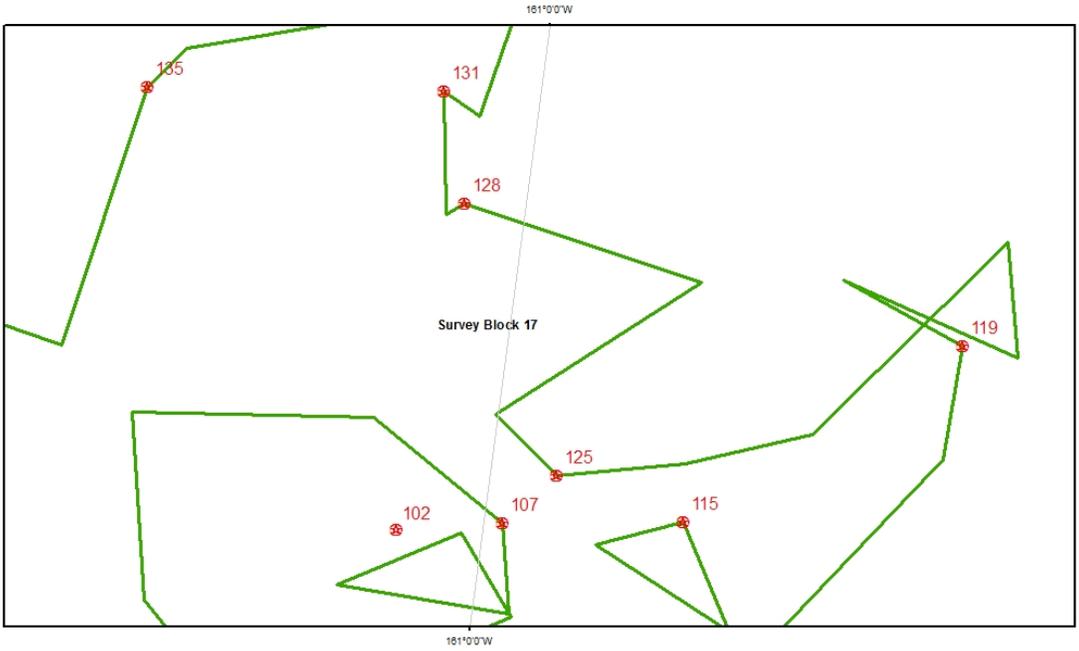
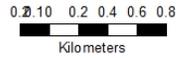
- B0 - B2
- B3 - B5
- B6 - B8
- NA

Cetacean Sightings -
 Labeled by sighting number
 as shown on Summary Table





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 Aerial Surveys of Arctic Marine Mammals Program
 Flight 249, High Density Cluster 1, 10/12/2015 12:56:50 PM



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 Aerial Surveys of Arctic Marine Mammals Program
 Flight 249, High Density Cluster 2, 10/12/2015 12:56:50 PM

